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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,720	12/10/2004	Bjorn Jonsson	P16419-US1	6070
27045	7590	10/26/2010	EXAMINER	
ERICSSON INC. 6300 LEGACY DRIVE M/S EVR 1-C-11 PLANO, TX 75024			AU, SCOTT D	
			ART UNIT	PAPER NUMBER
			2617	
			NOTIFICATION DATE	DELIVERY MODE
			10/26/2010	ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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<b>Office Action Summary</b>	<b>Application No.</b> 10/517,720	<b>Applicant(s)</b> JONSSON, BJORN	
	<b>Examiner</b> SCOTT AU	<b>Art Unit</b> 2617	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 September 2010.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-10 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)         | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)         | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Continued Examination Under 37 CFR 1.114***

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 09/02/2010 has been entered.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-3 and 10 are rejected under 35 U.S.C. 102(e) as anticipated by Lee (US# 2002/01522178 hereinafter Lee).

Referring to claim 1, Lee discloses the first user (mobile terminal 60; Fig. 2) directing a request for a specified service to a first service manager (transaction approval terminal 70; Fig. 2) controlling operations involving said at least a data entity (settlement data, such as breakdown of the transaction, page 3, para. 0033) in a first

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user private domain (sensing radio frequency of user mobile terminal 60 falls within range of antenna attached to transaction approval terminal 70, page 3 para. 0034), the request including an explanatory message for the second user (credit card company 90; Fig. 2, para. 0033) and service parameters (settlement data is being request to credit card company 90 for approval, page 3, para. 0033),

the first service manager (transaction approval terminal 70; Fig. 2) determining, in dependence of the specified service and the service parameters, first and, at least partly, second said operations (first operation is message ST200 including settlement data and codes, page 4, para. 0040, and second operation with message ST240, page 4, para. 0044),

the first service manager (transaction approval terminal 70; Fig. 2) performing a signal exchange over a secure communications channel (transaction approval terminal 70 communicates with value added network 80 over a wireless telephone network, page 4, para. 0041) with a second service manager (value added network company 80; Fig. 2) that controls said second operations in a second user private domain (communication operation between value added network company 80 and credit card company 90 is in a second user domain; Fig. 2), the signal exchange at least comprising an identification of the at least partly determined second operation (message ST210 included settlement data and codes, page 4, para. 0041, and second operation with message ST240, page 4, para. 0044),

the first service manager (transaction approval terminal 70; Fig. 2) sending a message to the second user (credit card company 90; Fig. 2, para. 0033) at least comprising the explanatory message (authentication code and settlement data are being transmitted at message ST210, page 4, para. 0040-0041),

the second user (credit card company 90; Fig. 2, para. 0033), at receipt of said message (message ST240; Fig. 2), responding to the second service manager (value added network company 80; Fig. 2) including at least a type of response and service parameters, whereupon the first and second service managers (transaction approval terminal 70 and value added network company 80 are service managers; Fig. 2) uniquely determine the second operation (credit card company 90 responding message ST250 after receiving message ST240; Fig. 2, page 4, para.(s) 0044-0045), and

the first and second service managers (transaction approval terminal 70 and value added network company 80 are service managers; Fig. 2) controlling coordinated said operations in the first and second user domains (communication between mobile terminal 60 and transaction approval terminal 70 is in a first user domain and communication between value added network company 80 and credit card company 90 is in a second user domain; Fig. 2), the operations comprising said first and second operations (communication between mobile terminal 60 and transaction approval terminal 70 is a first operation and communication between value added network company 80 and credit card company 90 is a second operation; Fig. 2) if the type of response indicates approval to the second operation and otherwise predetermined actions associated with said type of response (credit card company 90 relays back

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message ST250 to value added network company 80 a result of the transaction approval requested, page 4, para. 0044; Fig. 2) .

Referring to claim 2, Lee discloses whereby the first and the second user subscribe to telecommunications services provided by respectively a first and a second public mobile phone operator wherein said service managers and private domains are located within the networks of respectively the first and the second operator (transaction approval terminal 70 communicates with value added network 80 over a wireless telephone network to communicate with credit card company 90, page 4, para. 0041).

Referring to claim 3, Lee discloses in which said service request comprises a message according to a messaging standard supported by the operators wherein said message includes message type information indicating that the message is a service request, the messaging system of the first operator intercepting a message indicated to be a service request and forwarding it to the first service manager, and the first service manager in completion of said step of determining, forwarding the intercepted message at least including the explanatory message, to the second user (mobile terminal 60 placing a request message ST200 to transaction approval terminal 70 and transaction approval terminal 70 transmits ST210 to value added network 80, page 4, para.(s) 0040-0041; Fig. 2) .

Referring to claim 10, Lee discloses means for intercepting a message for an indicated receiver in recognition of an indication of service request (transaction approval terminal 70 receives request from mobile terminal 60, page 3, para. 0033),

means for determining, in dependence of a said service request, first and second said operations (transaction approval terminal 70 generates message ST210; page 4, para. 0041),

means for data exchange with a similar network node for processing end user messages (transaction approval terminal 70 generates message ST210 and transmitting the message over wireless telephone network; page 4, para. 0041),

means for modifying the intercepted message and retransmitting the modified message to the indicated receiver (value added network company 80 received message ST210 and modified the message and transmitted the message ST240 to credit card company 90, page 4, para. 0044; Fig. 2),

means for transmitting, in response to receiving a confirmation message from said similar network node, said first and second operations to said at least a service node for execution of said first and second operation (transaction approval terminal 70 relays message ST270 to user mobile terminal 60 from credit card company 90 via wireless telephone network , page 4, para. 0047).

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 4-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (US# 2002/01522178 hereinafter Lee) in view of Meuronen (US# 6,597,917 hereinafter Meuronen).

Referring to claim 4, Lee as applied above does not specifically disclose wherein said messaging system is an SMS-system.

In an analogous art, Meuronen discloses messaging system is an SMS-system (an SMS system, col. 4 lines 34-57; Fig. 1).

As a result, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine Meuronen's sms system into system of Lee in order improve the identification of a sender of a short message.

Referring to claim 5, Meuroen discloses wherein said message type information comprises an address indicating an SMS server assigned to handle service requests (identification of the server center, col. 6 lines 52-60).

Referring to claim 6, Meuroen discloses wherein said message type information comprises a protocol identifier, TP-PID, according to the GSM standard (col. 6 lines 43-46).

Claims 7-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (US# 2002/01522178 hereinafter Lee) in view of Linde et al. (US# 2004/0039635 hereinafter Linde).



Referring to claim 7, Lee as applied above does not specifically disclose the first user is a vendor and the second user is a customer, wherein: prior to the step of directing a request the customer transfers to the vendor at least the identity of a customer mobile phone, said request is a request for payment and said service parameters include at least billing data, said message includes at least an amount payable, and the first operation comprises crediting the amount payable to the account of the vendor and the second operation comprises charging said amount to a specified account of the customer.

In an analogous art, Linde discloses the first user is a vendor and the second user is a customer (ticket is charged using a mobile phone account as vendor, and the mobile phone holder is a customer, page 4, para. 0087-0091), wherein: prior to the step of directing a request the customer transfers to the vendor at least the identity of a customer mobile phone, said request is a request for payment and said service parameters include at least billing data, said message includes at least an amount payable, and the first operation comprises crediting the amount payable to the account of the vendor and the second operation comprises charging said amount to a specified account of the customer (Fig. 3 shows ticket request, payment, validation of ticket, page 4, para.(s) 0090-0094).

As a result, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine Linde's ticket service into system of Lee in order to provide the user the convenience of having the purchased ticket via mobile phone.

Referring to claim 8, Lee discloses wherein said amount payable is calculated in part in said signal exchange between the first and the second service managers (prices of goods with breakdown transaction, page 3, para. 0033).

Referring to claim 9, Lee as applied above does not specifically disclose wherein said service is a ticket service allowing a ticket holder secure access to specified services according to specified rights, said private domains are private ticket containers, said first operation comprises deletion of rights associated with a ticket and said second operation comprises creation of corresponding rights associated with a new or available ticket.

In an analogous art, Linde discloses service is a ticket service allowing a ticket holder secure access to specified services according to specified rights (a user with mobile phone 2 purchasing a ticket at ticket issuing centre 3, page 5 para. 0104), said private domains are private ticket containers, said first operation comprises deletion of rights associated with a ticket ( ticket removed from device, step 17, of Fig. 3)and said second operation comprises creation of corresponding rights associated with a new or available ticket (it is obvious to one ordinary skill in the art to understand that the ticket issuing centre 3 has the authority to create new ticket; page 5, para.(s) 0104-0106).

As a result, it would have been obvious to one having ordinary skill in the art at the time the invention was made to combine Linde's ticket service into system of Lee in order to provide the user the convenience of having the purchased ticket via mobile phone.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SCOTT AU whose telephone number is (571)272-5948. The examiner can normally be reached on Monday- Friday 8:30 am -5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SCOTT AU/  
Examiner, Art Unit 2617

/UN C. CHO/  
Primary Examiner, Art Unit 2617